

ENTERED



PCT10

## RAW SEQUENCE LISTING

DATE: 08/13/2002

PATENT APPLICATION: US/10/088,417

TIME: 15:35:39

Input Set : A:\sequence listing.TXT

Output Set: N:\CRF3\08132002\J088417.raw

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4 <110> APPLICANT: Woolfson, Derek
5     Washaw, John
6     Pandya, Maya
7     Colyer, John
9 <120> TITLE OF INVENTION: PROTEIN STRUCTURES AND PROTEIN FIBRES
12 <130> FILE REFERENCE: 000487.00012
14 <140> CURRENT APPLICATION NUMBER: 10/088,417
15 <141> CURRENT FILING DATE: 2002-03-18
17 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03576
18 <151> PRIOR FILING DATE: 2000-09-18
20 <150> PRIOR APPLICATION NUMBER: GB9922013.9
21 <151> PRIOR FILING DATE: 1999-09-17
23 <160> NUMBER OF SEQ ID NOS: 18
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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28 <211> LENGTH: 28
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: synthetic peptides
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37 1           5           10           15
38 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln
39           20           25
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43 <212> TYPE: PRT
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46 <220> FEATURE:
47 <223> OTHER INFORMATION: synthetic peptides
49 <400> SEQUENCE: 2
50 Lys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Lys Gln Glu Ile
51 1           5           10           15
52 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln
53           20           25
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56 <211> LENGTH: 28
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: synthetic peptides
63 <400> SEQUENCE: 3

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64 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ala Leu Lys Gln Glu Ile  
65 1 5 10 15  
66 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
67 20 25  
69 <210> SEQ ID NO: 4  
70 <211> LENGTH: 28  
71 <212> TYPE: PRT  
72 <213> ORGANISM: Artificial Sequence  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: synthetic peptides  
77 <400> SEQUENCE: 4  
78 Lys Ile Arg Ala Leu Lys Trp Lys Asn Ala His Leu Lys Gln Glu Ile  
79 1 5 10 15  
80 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
81 20 25  
83 <210> SEQ ID NO: 5  
84 <211> LENGTH: 18  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Artificial Sequence  
88 <220> FEATURE:  
89 <223> OTHER INFORMATION: synthetic peptides  
91 <400> SEQUENCE: 5  
92 Tyr Gly Pro Gly Glu Ile Ala Ala Leu Glu Gln Glu Asn Ala Ala Leu  
93 1 5 10 15  
94 Glu Gln  
97 <210> SEQ ID NO: 6  
98 <211> LENGTH: 28  
99 <212> TYPE: PRT  
100 <213> ORGANISM: Artificial Sequence  
102 <220> FEATURE:  
103 <223> OTHER INFORMATION: synthetic peptides  
105 <400> SEQUENCE: 6  
106 Lys Ile Ala Ala Ile Lys Gln Lys Ile Ala Ala Leu Lys Gln Glu Ile  
107 1 5 10 15  
108 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
109 20 25  
111 <210> SEQ ID NO: 7  
112 <211> LENGTH: 29  
113 <212> TYPE: PRT  
114 <213> ORGANISM: Artificial Sequence  
116 <220> FEATURE:  
117 <223> OTHER INFORMATION: synthetic peptides  
119 <400> SEQUENCE: 7  
120 Lys Ile Ala Ala Leu Lys Gln Ile Cys Ile Ala Ala Leu Lys Gln Glu  
121 1 5 10 15  
122 Ile Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
123 20 25  
125 <210> SEQ ID NO: 8  
126 <211> LENGTH: 28

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127 <212> TYPE: PRT  
128 <213> ORGANISM: Artificial Sequence  
130 <220> FEATURE:  
131 <223> OTHER INFORMATION: synthetic peptides  
133 <400> SEQUENCE: 8  
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135 1 5 10 15  
136 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
137 20 25  
139 <210> SEQ ID NO: 9  
140 <211> LENGTH: 28  
141 <212> TYPE: PRT  
142 <213> ORGANISM: Artificial Sequence  
144 <220> FEATURE:  
145 <223> OTHER INFORMATION: synthetic peptides  
147 <400> SEQUENCE: 9  
148 Lys Ile Ser Ala Leu Lys Trp Lys Asn Ala Ser Leu Lys Gln Glu Ile  
149 1 5 10 15  
150 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
151 20 25  
153 <210> SEQ ID NO: 10  
154 <211> LENGTH: 28  
155 <212> TYPE: PRT  
156 <213> ORGANISM: Artificial Sequence  
158 <220> FEATURE:  
159 <223> OTHER INFORMATION: synthetic peptides  
161 <400> SEQUENCE: 10  
162 Lys Ile Arg Ala Leu Lys Trp Lys Asn Ala His Leu Lys Gln Glu Ile  
163 1 5 10 15  
164 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
165 20 25  
167 <210> SEQ ID NO: 11  
168 <211> LENGTH: 29  
169 <212> TYPE: PRT  
170 <213> ORGANISM: Artificial Sequence  
172 <220> FEATURE:  
173 <223> OTHER INFORMATION: synthetic peptides  
175 <400> SEQUENCE: 11  
176 Ile Cys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Lys Gln Glu  
177 1 5 10 15  
178 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
179 20 25  
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182 <211> LENGTH: 29  
183 <212> TYPE: PRT  
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186 <220> FEATURE:  
187 <223> OTHER INFORMATION: synthetic peptides  
189 <400> SEQUENCE: 12

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190 Ile Thr Ile Arg Ala Leu Lys Cys Lys Asn Ala His Leu Lys Gln Glu
191 1      5      10      15
192 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln
193      20      25
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 28
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: synthetic peptides
203 <400> SEQUENCE: 13
204 Glu Ile Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln Lys Ile
205 1      5      10      15
206 Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln
207      20      25
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 7
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: synthetic peptides
217 <400> SEQUENCE: 14
218 Leu Ala Ala Leu Ala Ala Ala
219 1      5
221 <210> SEQ ID NO: 15
222 <211> LENGTH: 43
223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: synthetic peptides
229 <400> SEQUENCE: 15
230 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile
231 1      5      10      15
232 Asp Ala Leu Glu Tyr Glu His His Asp Ala Leu Glu Gln Lys Ile Ala
233      20      25      30
234 Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln
235      35      40
237 <210> SEQ ID NO: 16
238 <211> LENGTH: 42
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: synthetic peptides
245 <400> SEQUENCE: 16
246 Glu Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln Lys Ile
247 1      5      10      15
248 Arg Ala Leu Lys Ala Lys Gln Ala Lys Leu Lys Gln Glu Ile Ala Ala
249      20      25      30
250 Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln

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262 Glu Ile Asp Ala Leu Glu Tyr Glu Gln Asn Asp Ala Leu Glu Gln Lys
263 1          5          10          15
264 Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln
265          20          25
267 <210> SEQ ID NO: 18
268 <211> LENGTH: 29
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: synthetic peptides
275 <400> SEQUENCE: 18
276 Lys Ile Arg Ala Leu Lys Ala Lys Phe Asn Ala His Leu Lys Gln Glu
277 1          5          10          15
278 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln
279          20          25

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VERIFICATION SUMMARY

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